

## **ABSTRACT**

This invention is related to a decorative lighting with the safety protecting circuit, which is composed of a main circuit, a branch circuit connected to it and a lighting installed in the branch circuit. The said self-restoring protecting device is installed in the branch circuit of the lighting. The said self-restoring protecting device is a self-mending fuse, which is a PPTC polymer self-mending fuse. The said self-restoring protecting device is a bimetallic fuse. A self-mending fuse is installed in the circuit of the lighting. When the circuit is overloaded or short circuit occurs, the self-mending fuse used will have high resistance, breaking and thus protecting the circuit. Upon removal of the trouble, the self-mending fuse will automatically restore to the conductive state. Therefore the self-mending fuse, once installed, can be used repeatedly, conveniently and safely.